



# AIRWORTHINESS DIRECTIVE

*This Airworthiness Directive (AD) is issued pursuant to Canadian Aviation Regulation (CAR) 521.427. No person shall conduct a take-off or permit a take-off to be conducted in an aircraft that is in their legal custody and control, unless the requirements of CAR 605.84 pertaining to ADs are met. Standard 625 - Aircraft Equipment and Maintenance Standards Appendix H provides information concerning alternative means of compliance (AMOC) with ADs.*

**Number:**

CF-2020-49R1

**Effective Date:**

3 June 2021

**ATA:**

27

**Type Certificate:**

A-177

**Subject:**

Flight Controls – Inboard-Flap Susceptibility to Corrosion

**Revision:**

Supersedes AD CF-2020-49, issued 19 November 2020.

**Applicability:**

Bombardier Inc. model BD-700-1A10 and BD-700-1A11 aeroplanes, serial numbers 9001 through 9879, 9998 and 60001 through 60033.

**Compliance:**

Within 30 days from the effective date of this AD, unless already accomplished.

**Background:**

There have been multiple discoveries of internal corrosion on the inboard flaps prior to regularly recommended/mandatory scheduled maintenance checks. Should such corrosion go undetected/unaddressed, possible weakening of the structure and eventual detachment of the flap could occur. As this corrosion is highly dependent on operational environments and utilization, the aeroplane Maintenance Schedule has been revised to add a more frequent and specific inspection of this area to allow for sufficient opportunity to detect and address any early signs of corrosion on the affected structure.

AD CF-2020-49 mandated the incorporation of new tasks in the aeroplane Maintenance Schedule.

This AD revision, CF-2020-49R1, clarifies that the mandated task (Chapter 5 Task Number 57-51-00-201) resides in Part 3 of the Time Limits/Maintenance Checks (TLMC) Manual.

**Corrective Actions:**

Amend the Transport Canada approved aeroplane Maintenance Schedule by incorporating TLMC Part 3, Chapter 5 Task Number 57-51-00-201, Special Detailed Inspection of the Inboard-Flap Internal Ribs, in accordance with the applicable TLMC manual revision identified in Table 1 below, or later revisions approved by Transport Canada.

**Table 1**

<b>Aeroplane Model</b>	<b>TLMC Manual</b>	<b>Revision</b>	<b>Date of Issue</b>
BD-700-1A10	GL 700 TLMC	Revision 31	17 August 2020
BD-700-1A10	GL XRS TLMC	Revision 18	17 August 2020
BD-700-1A10	GL 6000 TLMC	Revision 12	17 August 2020
BD-700-1A10	GL 6500 TLMC	Revision 1	17 August 2020
BD-700-1A11	GL 5000 TLMC	Revision 22	17 August 2020
BD-700-1A11	GL 5000 GVFD TLMC	Revision 12	17 August 2020
BD-700-1A11	GL 5500 TLMC	Revision 1	17 August 2020

**Authorization:**

For the Minister of Transport,

*ORIGINAL SIGNED BY*

Daniel Gosselin  
Acting Chief, Continuing Airworthiness  
Issued on 20 May 2021

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